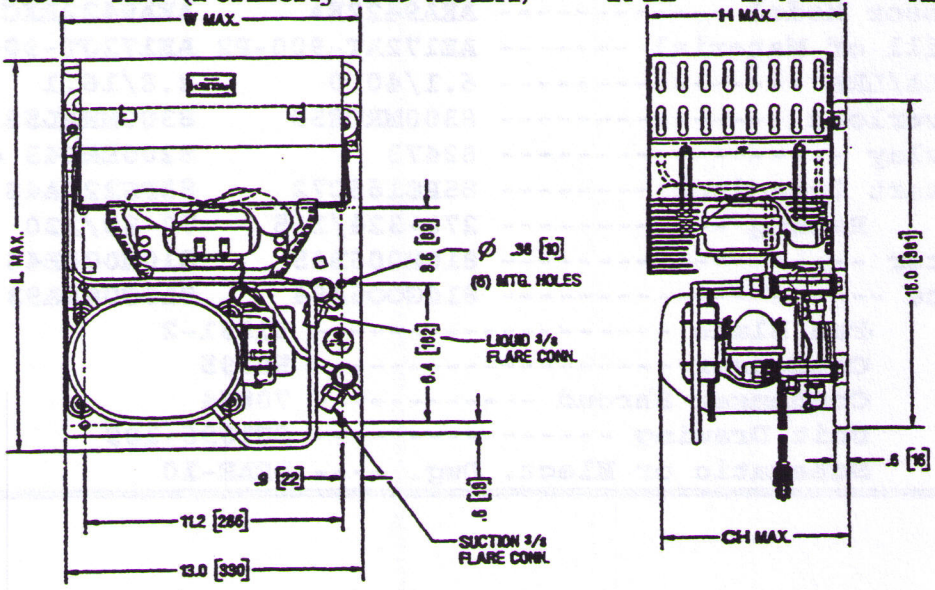
TECUMSEH HERMETIC CONDENSING UNITS

Date: 9/5/95

MODEL AEA9423E**XA (Formerly AE9423EA) R-22 1/4 HP AIR COOLED



NOTE: DIMENSIONING = INCHES [MILLIMETERS]

Model	Dimensions				*Line Connection		Pumpdown 90 ° F 90% Full	Air CFM	Oil Chg oz.	Gr. Wt. Lbs.
	L	W	H	CH	Suct.	Liq.				
AEA9423E**XA	17.2	13.0	9.0	8.5	3/8 F	3/8 F	——	210	10	48

*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare or Solder Connections
Factory charge: 20 psig nitrogen - **MUST BE EVACUATED** **60 HZ PERFORMANCE**

Approved Evap. Range		Ambient								
		90° F			100° F			110° F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
-10	16.5	—	—	—	—	—	—	—	—	—
-5	20.0	1240	345	210	—	—	—	—	—	—
0	24.0	1430	365	215	—	—	—	—	—	—
5	28.2	1630	385	220	—	—	—	—	—	—
10	32.8	1840	405	225	—	—	—	—	—	—
15	37.7	2060	430	235	1860	445	260	—	—	—
20	43.0	2300	455	240	2070	470	270	—	—	—
25	48.8	2580	485	250	2320	500	280	—	—	—
30	54.8	2860	510	260	2580	530	290	—	—	—
35	61.5	3190	540	270	2880	560	300	2570	585	325
40	68.5	3560	570	275	3220	595	310	2880	620	345
45	76.0	4010	600	285	3530	625	320	3250	655	360

Return gas temp. 20 ° F max superheat above 20 ° F evap.
40 ° F max below 20 ° F evap. 5 ° F subcooling

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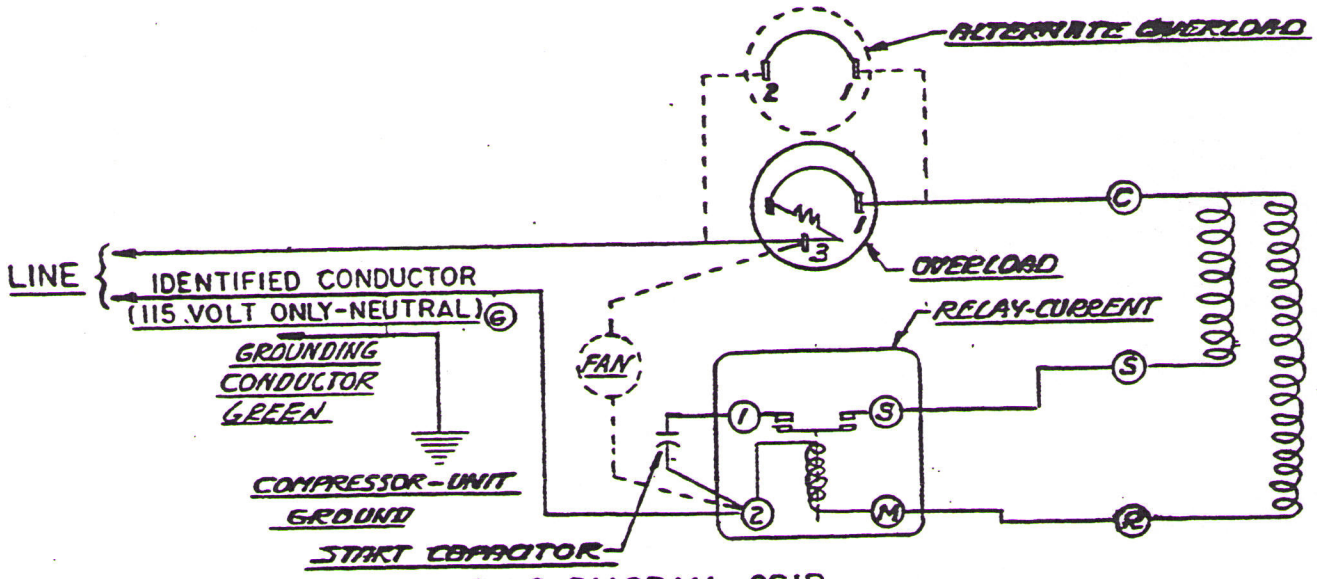
SPECIFICATIONS	AEA9423EXAXA	AEA9423EXCXA
Nominal Voltage	115-60-1	240/220-50-1
Unit Bill of Material	2C357-1	2C362-1
Voltage Range	126.5 to 103.5	264 to 198
Minimum Circuit Ampacity	8.0	3.7
Max. Fuse Size (Amps)	15	15
Compressor Model	AEA9422EA	AEA9422EXC
Bill of Material	AE172AT-900-P2	AE172JT-900-PS
RLA/LRA	6.1/40.0	2.8/16.1
Overload	8300MRTE59	8300MRAL58
Relay	82473	8200EMB43 or 82645
Start Capacitor	85PS165C72	85PS220A48
Rating	270-324/165	72-88/220
Fan Motor	810M006B45	810M006B46
Alternate	810G006A94	810G006A93
Fan Blade	51531-2	
Condenser	50795	
Condenser Shroud	70854	
Unit Drawing	SU1896-109	
Schematic or Elect. Dwg.	DEAE-10	



115 OR 230 VOLT SCHEMATIC WIRING DIAGRAM - CSIR